GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2584
ANSWERED ON:01.12.2016
Indian Solar Market
Arunmozhithevan Shri A.

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the quantum of electricity produced by cumulative solar instalations in the country during 2015-16 and so far during the current year;
(b) the comparative percentage of solar energy produced during the last three years and the current year of all renewable energy generation during the period;
(c) whether the Indian solar market is growing in size but infrastructure and systems have not kept pace with auction announcements; and
(d) if so, the details thereof and the steps proposed to be taken by the Government in this regard?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW AND RENEWABLE ENERGY & MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): As per information received from Central Electricity Authority (CEA), the quantum of electricity produced by cumulative solar installations in the country during 2015-16 and so far during the current year are given below:
Year Energy generation (MU)
2015-16 7447.92
2016-17 * 5791.54
* from April-2016 to September, 2016.
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(b): The comparative percentage of solar energy produced during the last three years and the current year of all renewable energy generation during the period is given below:-
Year Solar Energy generation (MU) Total Renewable Energy generation (MU) % of Solar energy produced
2013-14 3353.80 53224.50 6.3%
2014-15 4599.02 61784.93 7.4%
2015-16 7447.92 65780.85 11.3%
2016-17* 5791.54 47627.29 12.2%
* from April-2016 to September, 2016. (Tentative data received from CEA)

(c)&(d): The Indian solar market is growing in size. The grid connected solar power installation capacity during the last three years is given below:
Year Solar Capacity Installed in MW
2013-14 947.46
2014-15 1112.07
2015-16 3018.88
2016-17 1965
(as on 31.10.2016)
The infrastructure for power evacuation and transmission is taken by state and Centre Transmission Utilities. Government has taken up project for development of Green Energy Corridors in 8 States dedicated for Renewable Energy including Solar energy.
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